

A2-Central Catalog

Get the books, software, and equipment you need from the warmth of your own computer room. **No handling fees** or extra charges for surface shipping on most items, even though we ship within 24 hours. To order, use the self-mailer that was in the envelope with your newsletter.

July 1990

New Stuff

RAMfast SCSI card

An on-board 256K RAM cache and DMA makes this the fastest SCSI card we've seen. It dramatically improves the performance of your hard drive.

CV-001 RAMfast SCSI card \$259.00

DoubleData

by Dan Verkade. (Requires AppleWorks 3.0) Double the number of categories in the AppleWorks Data Base! DoubleData gives you 60 categories for every record; with two pages of 30 categories each you can set up those large Data Bases just the way you've always wanted. Press OA-J to jump to the other page instantly, or move categories from one page to another to fine tune your layout. The 30-category barrier is history!

JE-007 DoubleData \$30.00

SpellCopy

by Randy Brandt. (Requires AppleWorks 3.0) Copy your dictionaries to a RAM disk at bootup for maximum spelling checker speed! SpellCopy can automatically copy dictionaries, and it also features the ability to modify AppleWorks so that your dictionaries can be on a drive other than your AppleWorks disk. This means that if not much RAM is available, you can put AppleWorks on the RAM disk, but keep the dictionaries on the AppleWorks disk.

JE-006 SpellCopy \$12.50

FlexiCal

by Lester Simpson. (Requires AppleWorks 2.0/2.1/3.0) Never miss another appointment! Too many computer

calendars unrealistically require the user to be desk-bound all day. This one is for people on the go; real people like teachers and businessmen who have to take their calendars with them, daytime or night.

Written by a teacher, FlexiCal gives you practical daily, weekly and monthly calendars which you print as needed. The weekly and monthly calendars are automated by a special version of UltraMacros (included) so that you can effortlessly enter, arrange and view everything you need to stay efficiently organized.

JE-001 FlexiCal \$30.00

Mr. Invoice

by Mark Munz & Bob Martz. (Requires AppleWorks 3.0) Finally, a fast and easy invoicing system for AppleWorks users is here! Mr. Invoice's handy prompts use the power of UltraMacros (special version included) to guide you as you enter orders. Mr. Invoice will:

- maintain a customer data base
- automatically update inventory
- automatically track backorders
- let you print to any custom form
- optionally track monthly or annual (1 or 2 year) sales
- print on standard continuous-feed invoice forms

JE-004 Mr. Invoice \$40.00

MiniPaint

by Matt Reimer. (GS/OS; runs on any IIgs with more than 512k) MiniPaint is small in size, but not in features:

- supports both 320 and 640-mode with easy switching
- auto-shadowing provides powerful "light source" control

- scroll bars speed you to any part of your picture
- exotic lasso and marquee options add power
- "Dither Lock" keeps 640-mode colors accurate
- keyboard shortcuts speed up work, increase control
- coordinate display offers pixel-by-pixel control
- prints on LaserWriters, in color on ImageWriters

March 1989 Computer Shopper: "Overall I'd consider MiniPaint every bit as good as MacPaint with the addition of color capabilities...MiniPaint gives you more features per dollar than any other IIgs specific paint program."

JE-003 MiniPaint \$25.00

I.O. Silver

by Brad Wilhelmsen. (ProDOS; runs on any Apple II with at least 64k) You are Dr. I.O. Silver, computer scientist extraordinaire; your job is to build the first 4th-generation supercomputer while racing the clock and battling bugs. You'd better have nimble feet while sprinting around your lab!

I.O.Silver is two great games in one. Without the pressure of the clock or killer bugs, it's an engrossing puzzle. When you're ready for the arcade version, the pace gets furious!

The game features stunning animation, customizable keyboard or joystick control, and variable speed control to adjust to any skill level or Apple II.

inCider magazine: "I.O.Silver causes acute arcade addiction—the strongest recommendation for any game. This is one of the most ruthlessly addicting games in years!"

JE-002 I.O. Silver \$20.00

Apple IIgs Technical Library Set

Limited Time Offer--Available only through A2-Central!

Apple IIgs Technical Library Set--\$49.95

by Special Arrangement with Addison-Wesley and Apple Computer

Now **A2-Central** subscribers can get all six books at the heart of the Apple IIgs Technical Library—a \$148.70 value—for just \$49.95 plus postage.

The six books include:

Technical Introduction to the Apple IIgs	\$9.95
Programmer's Introduction to the Apple IIgs	\$32.95
Apple IIgs Firmware Reference Manual	\$24.95
Apple IIgs Hardware Reference Manual	\$26.95
Apple IIgs Toolbox Reference, Volume I	\$26.95
Apple IIgs Toolbox Reference, Volume II	\$26.95

These are the official Apple IIgs manuals, which were written by Apple Computer and published by

Addison-Wesley as part of its Apple Technical Library series.

We've already sold more of these books than almost any other single outlet. Most of them were purchased by professional programmers. But the Apple II has traditionally been the computer non-professionals could program, too. New programming tools are making desktop programming much easier to those who have access to these books and the information they contain.

Apple wants to see these books in wider non-professional distribution. So Apple, Addison-Wesley,

and **A2-Central** got together to bring you this special deal.

AW-SET Apple IIgs Library Set \$49.95

Together, these books weigh 15 pounds—over 6.5 kilograms. Please select your choice of shipping method and cost:

SHIP	U.S.	surface	airmail
		\$4.80	\$15.00
	Canada	\$11.50	\$16.00
	Central America, Caribbean	\$11.50	\$30.00
	South America, Europe	\$11.50	\$60.00
	Mid-East, Africa, Asia, Australia, New Zealand	\$11.50	\$90.00

Subscribers only--Offer expires July 31, 1990.

The A2 Software Shelf

AppleWorks

JE-001	<i>FlexiCal (AppleWorks 2.x or 3.0)</i>	(see 7/90)	\$30.00
JE-004	<i>Mr. Invoice (AppleWorks 3.0)</i>	(see 7/90)	\$40.00
JE-005	<i>Pathfinder (AppleWorks 2.x)</i>	(see 7/90)	\$30.00
JE-006	<i>SpellCopy (AppleWorks 3.0)</i>	(see 7/90)	\$12.50
JE-007	<i>DoubleData (AppleWorks 3.0)</i>	(see 7/90)	\$30.00
QC-001	<i>SuperPatch (AppleWorks 2.x or 3.0)</i>	(see 3/90)	\$39.95
BB-004	<i>Beagle AppleWorks 3.0 Companion</i>	(see 5/90)	\$39.95

Data Base Software

SE-001	<i>DB Master Professional</i>	(see 1/90)	\$245.00
SE-002	<i>DB Master Programmer's Pak</i>	(see 5/90)	\$129.00

Development Software

SS-007	<i>Genesys (GS/OS Resource Creator/Editor)</i>	(see 6/90)	\$99.00
MD-001	<i>MD-Basic (Applesoft pre-compiler)</i>	(see 5/90)	\$49.95
BB-003	<i>Program Writer (Applesoft program editor)</i>	(see 1/90)	\$37.50
BB-002	<i>Beagle Compiler (ProDOS Applesoft compiler)</i>	(see 1/90)	\$59.00
MS-002	<i>Micol Advanced BASIC for Ile/Ilc</i>	(see 1/90)	\$89.00
MS-001	<i>Micol Advanced BASIC for the Ilgs</i>	(see 1/90)	\$99.00
RW-002	<i>Merlin 8/16 (DOS 3.3, ProDOS 8, GS/OS)</i>	(see 1/90)	\$99.00
AW-033	<i>Programmer's Online Companion for the Ilgs</i>	(see 1/90)	\$37.50

Graphics

JE-003	<i>MiniPaint (for Ilgs)</i>	(see 7/90)	\$25.00
RW-004	<i>Graphics Exchange (for Ilgs)</i>	(see 1/90)	\$37.50

Hyper Media

RW-005	<i>HyperStudio (for Ilgs)</i>	(see 1/90)	\$129.00
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Education

DR-001	<i>Diversi-Tune (for Ilgs)</i>	(see 1/90)	\$59.00
SB-001	<i>GSNumerics (for Ilgs)</i>	(see 4/90)	\$139.95

Fonts

FC-001	<i>A2-Central Font Collection</i>	(see 3/90)	\$39.00
<i>8 3.5 disks of fonts in ShrinkIt format</i>			

Telecommunications

CS-001	<i>Talk Is Cheap & GEnie Master</i>	(see 3/90)	\$40.00
TH-001	<i>GEnie Master</i>	(see 3/90)	\$20.00

Utility Software

SS-006	<i>Cross-Works (ProDOS<—>MS-DOS)</i>	(see 4/90)	\$99.95
FD-001	<i>Fastdata Pro (full-text search utility)</i>	(see 1/90)	\$49.95
GB-001	<i>Prosel 8 (for Ile/Ilc)</i>	(see 1/90)	\$40.00
GB-002	<i>Prosel 16 (for Ilgs, includes Prosel 8 features)</i>	(see 1/90)	\$60.00
RW-003	<i>SoftSwitch (program switcher for Ilgs)</i>	(see 1/90)	\$45.00
RW-006	<i>MacroMate (universal macros for Ilgs)</i>	(see 1/90)	\$37.50

The A2 Paraphernalia Shelf

A2-001	<i>10 generic blank 3.5 disks</i>	(see 6/90)	\$9.49
A2-002	<i>100 blank, continuous disk labels</i>	(see 6/90)	\$1.99
A2-003	<i>10 Static-Guard binder storage pages for 3.5 disks</i>		\$9.97

The A2 Hardware Shelf

Batteries

NO-001	<i>Nite Owl Slide-On Battery Kit for Ilgs</i>	(see 3/90)	\$14.95
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Cables (required with modem or printer)

RC-001	<i>8' cable for Ilgs/Ilc-Plus</i>	(see 1/90)	\$15.00
RC-002	<i>8' cable for older Ilc</i>	(see 1/90)	\$15.00
RC-003	<i>8' cable for serial cards</i>	(see 1/90)	\$15.00

Fans

CTFAN-E	<i>CIRTECH Cool-It fan for Apple Ile</i>	(see 1/90)	\$49.00
CTFAN-GS	<i>CIRTECH Cool-It fan for Apple Ilgs</i>	(see 1/90)	\$49.00

Math Co-Processors

IS-001	<i>Floating Point Engine</i>	(see 4/90)	\$249.00
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Modems

CD-002	<i>Modem bundle: SC-001, CS-001, and 1 cable</i>	(see 3/90)	\$184.00
SC-001	<i>Supra 2400 baud external modem (120 volts)</i>	(see 1/90)	\$139.00
CS-001	<i>Talk Is Cheap & GEnie Master software</i>	(see 3/90)	\$40.00

Network Connectors

OE-001	<i>ModuNet 8-pin for Ile, Ilgs, new Macs</i>	(see 1/90)	\$34.95
OE-002	<i>ModuNet 9-pin for old LaserWriters, old Macs</i>	(see 1/90)	\$34.95

Printers

LC-001	<i>Laser 190A serial printer</i>	(see 1/90)	\$299.00*
LC-003	<i>Laser 190A parallel printer</i>	(see 1/90)	\$249.00*
LC-006	<i>tractor feed attachment</i>	(see 1/90)	\$59.95
LC-007	<i>5 ribbons (also fit Epson LX-series, Olympia NP30)</i>		\$14.95
*	<i>120 volts. Surface shipping to Canada or APO/FPO adrs</i>		\$25.00

Speakers

DR-002	<i>SVI MA-100 speakers for the Ilgs</i>	(see 1/90)	\$129.00*
*	<i>120 volts. Surface shipping to Canada or APO/FPO adrs</i>		\$20.00

3.5 Disk Drives

AM-001	<i>AMR 3.5 drive</i>	(see 1/90)	\$199.00
AM-002	<i>Laser 3.5 drive controller for Ile</i>	(see 1/90)	\$59.00

Internal Hard Disk Drives

CT-CID20	<i>CIRTECH 20-meg internal hard drive</i>	(see 5/90)	\$695.00
CT-CID40	<i>CIRTECH 40-meg internal hard drive</i>	(see 5/90)	\$895.00

External Hard Disk Parts

AP-001	<i>Apple High-Speed SCSI card</i>	(see 5/90)	\$129.00
CT-SC	<i>CIRTECH SCSI card</i>	(see 1/90)	\$139.00
CV-001	<i>RAMfast SCSI card</i>	(see 7/90)	\$259.00
CH-001	<i>Chinook Utilities for old Apple SCSI card</i>	(see 1/90)	\$30.00
DC-001	<i>Leadman case; 120 or 220V, 60W</i>	(see 1/90)	\$139.00*
RC-004	<i>SCSI cable, drive to SCSI card</i>	(see 1/90)	\$30.00
DC-002	<i>Seagate ST-296N-1 80meg SCSI assembly</i>	(see 1/90)	\$559.00*
DC-006	<i>SyQuest removable media hard drive</i>	(see 6/90)	\$749.00*
DC-007	<i>40-meg cartridge for SyQuest drive</i>	(see 6/90)	\$119.00
CD-001	<i>80-Meg hard drive easy-order bundle</i>	(see 1/90)	\$699.00*
<i>includes DC-001, DC-002, RC-004,</i>			
*	<i>Surface shipping to Canada or APO/FPO adrs</i>		\$25.00
*	<i>Surface shipping to other points outside U.S.</i>		\$30.00

Memory Cards

Chinook RAM 4000--for Ilgs memory expansion slot

CH-002-0	<i>OK (no memory installed)</i>	(see 5/90)	\$99.00
CH-002-1	<i>1 Megabyte</i>	(see 5/90)	\$185.00
CH-002-2	<i>2 Megabytes</i>	(see 5/90)	\$269.00
CH-002-4	<i>4 Megabytes</i>	(see 5/90)	\$429.00

StatDisk--for Ile or Ilgs standard slots

SD-4	<i>512K</i>	(see 10/88)	\$389.00
SD-8	<i>1 Meg</i>	(see 10/88)	\$699.00

plusRAM PR-16--for Ile or Ilgs standard slots

PR-16-1	<i>1 Meg</i>	(see 9/88)	\$359.00
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Memory chips

DRAM-1	<i>Set of 8 1-meg chips for PR-16 or GS-8</i>		\$86.00
SRAM-32	<i>Set of 2 chips for StatDisk (64K)</i>		\$30.00

The A2-Central Summer Conference

Kansas City Friday & Saturday July 20 & 21

For most attendees, myself included, the Developers Conference hosted by **A2-Central** in July was an experience bordering on the religious.

Bill Kennedy, Technical Editor, *InCider*

Without exception, every attendee I have talked to feels the first **A2-Central Developers Conference** at Avila College in Kansas City was a success. The retreat atmosphere was a significant factor in making it so.

Cecil Fretwell, Technical Editor, *Call Apple*

As I look back, it was the most positive computer conference I have ever been to and I certainly recommend it to anyone with an interest in the Apple II line. Yes, I had a great time; yes, I learned a lot; yes, I met some outstanding people; and, yes, I'll go back.

Al Martin, Editor, *The Road Apple*

Travel Arrangements

DaySpring Travel of Overland Park has arranged conference airfare and hotel discounts. This year DaySpring can arrange discounted hotel rooms on Kansas City's Country Club Plaza as well as in nearby Overland Park. Call DaySpring at:

800-432-0211

Join us again this year at Kansas City's Avila College Campus for the **A2-Central Summer Conference**.

Last year's attendees gave us very high ratings and we want to do even better this year. We've decided to replace last year's one-track keynote afternoon with more sessions and more opportunities to meet other conference attendees.

This year's conference will include a full set of technical sessions produced by Apple's Apple II Developer Technical Support Group and Apple's Apple II engineers. They're putting on a IIgs College the day before our conference officially starts and more than a dozen technical sessions during the conference itself.

We're also doing a full set of our own sessions. We'll have sessions on IIgs sound, animation, resources and resource tools, on debugging and marketing your products, and on advances in 8-bit development. We'll have speakers such as **Jane Lee**, Apple's manager of Apple II marketing; **David Szetela**, Apple's manager of developer services; **Roger Wagner** on developing *HyperStudio* applications; **Randy Brandt** on developing *UltraMacros* applications; and **Morgan Davis** on *MD-Basic* and on *BBS* design and operation. We'll have day sessions, evening sessions, and midnight sessions. There will be exhibits and major league baseball.

Apple IIgs College

On Thursday, July 19, the day before our summer conference officially begins, Apple will be holding an Apple IIgs College at Avila. The cost of the college for conference attendees is \$100, which includes meals and a room at Avila Wednesday night. Space is limited to 25.

The college will include overview sessions on subjects such as GS/OS and toolbox programming, lab sessions where you'll work on a programming project of your choice, and classes on specific tools. College staff will be available all three days of the conference to help you with your college project.

You must register by June 1 to get the best prices. We have 80 double rooms available at Avila on a first-come-first-served double-occupancy basis.

Conference prices include all meals from Thursday evening through Sunday morning. If you like, you can pay for the sessions and meals only and make your own hotel and transportation arrangements. Or you can stay three nights (Thursday, Friday, and Saturday) at Avila for an additional \$50. And, for \$25 more, we will arrange to have you met at the airport and brought directly to Avila and returned. This final option would cover ALL of your costs for the conference except airfare.

CONF	Conference only (meals incl)	\$350
CONF-A	Conference & room at Avila	\$400
CONF-AT	Conf, Avila, & transportation	\$425
CONF-GS	Apple IIgs College, July 19	\$100

The A2 Book Shelf

General Interest Books

Introductory

TS-001	Bear: Computer Wimp	(see 8/88)	\$9.95
CB-001	Freiberger: The IIc, Your First Computer	(see 6/88)	\$9.95

Desktop Publishing

TB-008	Homan: The Print Shop Project Book	(see 12/88)	\$15.95
WG-001	White: Graphic Design for the Electronic Age		\$24.95

History/Philosophy of Apple

HB-001	Gassee: The Third Apple	(see 12/88)	\$14.95
VP-001	Rose: West of Eden	(see 4/89)	\$19.95
HR-001	Sculley: Odyssey	(see 12/88)	\$10.95

Legal

NP-001	Salone: How to Copyright Software	(see 3/90)	\$34.95
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Other

IN-001	Day: The Hacker (novel)	(see 3/90)	\$3.95
IN-003	Menu Software Guide for Apple II	(see 3/90)	\$19.95
BC-001	Price: How to Write a Computer Manual	(see 3/89)	\$33.50
AW-013	Snyder: In Search of Amazing Thing	(see 6/88)	\$10.95
IB-001	Weishaar: Your Best Interest	(see 6/88)	\$9.95

AppleWorks Books

SY-008	Ericson: AppleWorks, Tips and Techs	(see 6/88)	\$19.95
DS-003	disk for this book	(see 8/88)	\$12.00
IN-004	Wilkin: Best Book of AppleWorks	(see 5/90)	\$21.95
NA-001	Munz: UltraMacros Primer	(see 3/90)	\$19.95
CE-001	Thomas: ClassWorks	(see 8/88)	\$45.00
IN-006	Aron: Using AppleWorks (Que)	(see 6/90)	\$21.95
MH-010	Matthews: AppleWorks Made Easy	(see 7/88)	\$18.95
SY-007	Tymes: Mastering AppleWorks	(see 6/88)	\$21.95
IN-005	Murray: Using AppleWorks GS (Que)	(see 6/90)	\$21.95
AW-027	Brown: Using AppleWorks GS (Add-Wes)		\$19.95

Science/Electronics Books

VS-001	Vernier: Build a Better Mousetrap	(see 7/88)	\$24.95
TB-003	Pellino et al: Science On Your Apple	(see 6/88)	\$14.95
TB-004	Horn: Smart Apples	(see 6/88)	\$12.95

Working with Classic Apples

Applesoft

AW-010	Apple: Applesoft Tutorial (w/disk)	\$29.95
AW-021	Apple: Applesoft Programmer's Reference	\$22.95
SF-001	Miller: Mastering Applesoft Graphics	(see 6/89) \$18.95

ProDOS 8

AW-024	Apple: BASIC Programming with ProDOS (w/disk)	\$29.95
AW-023	Apple: ProDOS 8 Tech Ref (w/disk)	\$29.95
QS-001	Worth: Beneath Apple ProDOS	(see 8/88) \$19.95
TB-006	Doms/Weishaar: ProDOS Inside and Out	(see 6/88) \$16.95
DS-002	disk for this book	\$10.00

6502 Assembly Language

AW-012	Finley/Myers: Asm Lang for Applesoft Prgmmr	\$18.95
RW-001	Wagner: Assembly Lines: The Book	(see 6/88) \$19.95
DS-004	disk for this book	\$15.95
MH-008	Leventhal: 6502 Subroutines	\$19.95

Technical References

AW-003	Apple: Apple IIe Technical Reference	\$24.95
AW-004	Apple: Apple IIc Technical Reference	\$24.95
LC-005	Laser: Laser 128 Technical Reference	\$29.95

Troubleshooting and Repair

HS-002	SAMS Computerfacts: IIe	\$24.95
HS-005	SAMS Computerfacts: IIc	\$39.95
HS-003	SAMS Computerfacts: Disk II	\$24.95
HS-006	Brenner: Apple II Troubleshooting/Repair Guide	\$19.95

Working with Printers

Technical References

AW-008	Apple: ImageWriter II Technical Reference	\$19.95
AW-025	Apple: ImageWriter I/II Technical Reference	\$22.95
AW-028	Apple: LaserWriter Reference	\$19.95
SY-003	Campbell: The RS-232 Solution, 2nd Ed	(see 6/88) \$21.95
CP-001	East: Handbook of Printer Commands (3 vols)	\$89.95

Troubleshooting and Repair

HS-004	SAMS Computerfacts: ImageWriter I	\$24.95
HS-008	SAMS Computerfacts: ImageWriter II	\$24.95

Working with the Apple IIgs

Stack Authoring

AW-034	Apple: Hypercard Stack Design	\$16.95
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Apple IIgs Technical Library Set

AW-018	Apple: Technical Introduction to the Apple IIgs	\$9.95
AW-011	Apple: Programmer's Intro to IIgs (w/disk)	\$32.95
AW-022	Apple: Apple IIgs Firmware Reference	\$24.95
AW-002	Apple: Apple IIgs Hardware Reference	\$26.95
AW-019	Apple: Apple IIgs Toolbox Reference, Vol 1	\$26.95
AW-006	Apple: Apple IIgs Toolbox Reference, Vol 2	\$26.95
AW-SET	All 6, Subscribers Only, Expires July 31	\$49.95 plus ship

GS/OS, ProDOS 16

AW-020	Apple: ProDOS 16 Reference (w/disk)	\$29.95
AW-026	Little: Exploring Apple GS/OS and ProDOS 8	\$21.95
DS-006	disk for this book (3.5)	\$15.00

65816 Assembly Language

CB-002	Wagner: IIgs Machine Lang for Beginners	\$19.95
DS-005	disk for this book (3.5)	\$15.95
SS-005	Lichty/Eyes: Programming the IIgs in Asm Lang	\$29.95
DS-008	disk for this book (3.5)	\$20.00
BB-001	Scanlon: Apple IIgs Asm Lang Programming	\$24.95

Technical References

AW-001	Apple: Apple Numerics Reference (new edition)	\$29.95
AW-014	Apple: Human Interface Guidelines	\$14.95
CB-005	Gookin/Davis: Mastering the IIgs Toolbox	\$19.95
CB-007	Gookin/Davis: Adv Prog Tech for IIgs Toolbox	\$19.95
AW-017	Little: Exploring the Apple IIgs	(see 6/88) \$22.95
DS-007	disk for this book (3.5)	\$20.00
MH-001	Fischer: Apple IIgs Tech Ref	(see 6/88) \$19.95

Working with AppleTalk

AW-030	Apple: Understanding Computer Networks	\$9.95
AW-031	Apple: AppleTalk Network System Overview	\$14.95
AW-035	Apple: Inside AppleTalk	\$34.95
IN-002	Hands on AppleTalk	(see 3/90) \$21.95

Subscriptions, Back Issues, Ordering Information

Ordering Information

If you received this catalog in the envelope with our newsletter, there was also a one-sheet self-mailer in the envelope. Your name, address, expiration date, and account number are already imprinted on one side of the self-mailer—on the other side you'll find an order form. Please use it to order stuff from us. When you fold and lick the form as shown, our address will be on the outside and it will be ready to stamp and mail. Please don't send us a photocopy of the form unless you **photocopy both sides**.

If you received this catalog without a self-mailer, write your order on a plain sheet of paper and send it to:

A2-Central
P.O. Box 11250
Overland Park, KS 66207

or call us:

Voice: 913-469-6502

Fax: 913-469-6507

Subscriptions

The expiration date of your current subscription is shown on our self-mailer to the right of your name ("last issue").

We offer one-, two-, and three-year subscriptions to the paper-only version of **A2-Central**, to a paper-plus-3.5-disk version of **A2-Central**, and to the 3.5-disk based **Stack-Central**.

	A2-Central	newsletter only	newsletter & 3.5 disk
1-year (12 issues)	S-1	\$28	D-1 \$84
2-year (24 issues)	S-2	\$54	D-2 \$162
3-year (36 issues)	S-3	\$78	D-3 \$234

	Stack-Central	Stack-Cntrl only	Stack-Cntrl & HyperStudio
1-year (6 issues)	SC-1	\$42	SCWH-1 \$139
2-year (12 issues)	SC-2	\$81	SCWH-2 \$178
3-year (18 issues)	SC-3	\$117	SCWH-3 \$214

Subscription prices include free AIR MAIL delivery world-wide.

Back issues

A2-Central (formerly **Open-Apple**) has been published monthly since January, 1985. Single back issues are \$2 each. Bound, indexed annual volumes are \$14.95. A full set of bound volumes and single issues for the current year is available for \$39.

The **Full-Text on Disk** version of our back issues is shipped on 3.5 disks and takes up about 4 megabytes of hard disk storage. Use with full-text search software.

Bound, indexed back issue volumes

OA-001 Vol. 1	Jan 1985-Jan 1986	\$14.95
OA-002 Vol. 2	Feb 1986-Jan 1987	\$14.95
OA-003 Vol. 3	Feb 1987-Jan 1988	\$14.95
OA-004 Vol. 4	Feb 1988-Jan 1989	\$14.95
OA-005 Vol. 5	Feb 1989-Jan 1990	\$14.95

Full Set Specials (every issue ever published)

FS-N	All five volumes and current singles	\$39.00
FS-D	Our full text on 3.5 disks	\$39.00

A2-Central Monthly Disks

Our monthly disks are one of the best software values available for the Apple II. Try 1, 3 or 12 (or one a month). Available in 3.5 format only.

\$4.67 a disk

Our disks can appear automatically in your mailbox each month for less than what most user groups charge for public domain 3.5 disks. You get our paper newsletter at the standard \$28/year rate plus 12 3.5 disks for less than \$4.67 each. Subscription prices are \$84 for one year, \$162 for two years, or \$234 for three years.

\$4.75 a disk

Current newsletter subscribers can easily convert to a disk subscription. Figure out how many disks you'll get between the first one you want and the month your subscription expires (shown to the right of your address on our self-mailer order form) and send us \$4.75 per disk.

\$5.00 a disk

Our disks are available in an annual set of 12:

A2-89FS Annual disk set (Feb 89 to Jan 90) \$60

\$6.00 a disk

Our disks are also available in quarterly sets of 3:

A2-89S1 Quarterly disk set (Feb /March/April) \$18

A2-89S2 Quarterly disk set (May/June/July) \$18

A2-89S3 Quarterly disk set (Aug/Sep/Oct) \$18

A2-89S4 Quarterly disk set (Nov/Dec/Jan 90) \$18

A2-90S1 Quarterly disk set (Feb/March/April) \$18

A2-90S2 Quarterly disk set (May/June/July) \$18

\$10.00 a disk

We don't recommend you buy them this way, but if you insist, we'll still sell you any single disk for \$10.

Disk contents 2/89 to 7/89 were in Aug 89 catalog

Disk contents 8/89 to 12/89 were in May 90 catalog

Disk contents 1/90 & 2/90 were in June 90 catalog

All of our monthly disks include ProDOS: Basic system; an introduction to the disk by Dean Esmay, our disk editor; text talker software for blind subscribers, and text reading software for sighted subscribers.

March 1990 /A2.ON.DISK.9003

Filename	Blocks	Type	Description
V6.N02.MAR.90	132	TXT	March, 1990 issue of A2-Central
II.INFINITUM	9	TXT	Letter campaign info
MACROS.UPDATE	3	TXT	Letter from Filecard Macro author
TECHNOTE.UPDATE	1	DIR	Technical note update from Apple!
TYPE.NOTES	1	DIR	New file type notes
FTN.ABOUT.90.01	36	TXT	File type list & info
FTN.C7.XXXX	31	TXT	Info on various fonts

FTN.D5.XXXX	6	TXT	" " " "
FTN.D6.XXXX	6	TXT	" " " "
FTN.D7.XXXX	6	TXT	" " " "
FTN.D8.XXXX	8	TXT	" " " "
TECH.NOTES	1	DIR	New general technical notes
TN.ABOUT.90.01	35	TXT	About current release tech notes
TN.INDEX.90.01	74	TXT	Updated index of all tech notes
TN.GSOS.009	6	TXT	Various general tech notes
TN.GSOS.010	5	TXT	" " " "
TN.IIGS.012	29	TXT	" " " "
TN.IIGS.025	31	TXT	" " " "
TN.IIGS.075	22	TXT	" " " "
TN.IIGS.076	11	TXT	" " " "
TN.IIGS.077	26	TXT	" " " "
TN.MISC.015	5	TXT	" " " "
TN.PDOS.021	44	TXT	" " " "
TN.PDOS.026	13	TXT	" " " "
PROGRAMS	1	DIR	Useful & informative stuff in here
BEAGLE.PATCH	1	DIR	Update of patch from Beagle Bros
PATCHER.DOCS	31	AMP	Documentation for Patcher
PATCHER.SYSTEM	27	SYS	Fixes Appleworks 3.0 bugs
POLYGONIA	1	DIR	New Fill Mode stuff from J.Harper
ABOUT.POLYGONIA	24	TXT	Info on Polygonia program
POLYGONIA.I	54	S16	Amazing 3D animation program
POLYGONIA.TCON	3	SCA	Place in ICONS folder
WORDSEARCH	2	DIR	Word Search puzzle generator
WORDSEARCH.DOC	40	AMP	Documentation for WordSearch
STARTUP	1	BAS	Run this to generate puzzles
WRITE.IT	1	DIR	Mini Word Processor NDA
ABOUT.WRITEIT	4	TXT	Info about Write-It! NDA
WRITEIT	18	NDA	Place in */SYSTEM/DESK.ACOS dir.
MISC.GOODIES	1	DIR	Miscellaneous Goodies...
FOUNTS	1	DIR	Clairvaux, in 9 sizes:
CLAIRVAUX.12	8	FON	10, 12, 14, 18, 20
CLAIRVAUX.14	9	FON	24, 28, 36, and 40 pts
GERM.5	2	DIR	Final chapter of Germ Lab saga
STARTUP	3	BAS	Run this to play Germ Lab
QUADOMINO.NDA	1	DIR	Tetris look-alike in an NDA!
TAXES.89	1	DIR	Tax worksheets for 1989 income tax
TAX.89.AM2.DOCS	7	AMP	Documentation for worksheets
TAX.89.AM2	51	ASP	Use to do numbers only

April 1990 /A2.ON.DISK.9004

Filename	Blocks	Type	Description
V6.N03.APR.90	133	TXT	April 1990 A2-Central text
SUMMIT.REPORT	17	TXT	B. Stone's report on Apple summit
PROGRAMS	1	DIR	Useful stuff in here...
FINDFILE	1	DIR	Program by Stephen Chick in here
FIND.FILE.NDA	30	NDA	A IIgs NDA file search utility
INFO.CMD	1	DIR	Clark Stiles' Get Info command
INFO	3	BIN	Added command for Applesoft
INFO.S	25	TXT	Merlin source code for INFO
NEKUS	1	DIR	New Hypermedia program in here!
RAMSET	1	DIR	Revision of RAM limiter for AW 3.0
SCREEN.MACRO	1	DIR	A macro by Guy Durant in here
AW.SCREEN.MACRO	7	AMP	Puts AW screen into AMP file

MISC.GOODIES	1	DIR	Useless, fun stuff in here
RAMON	2	DIR	ProDOS based Ramon system in here!
PLAYER.MANUAL	50	TXT	Documentation for Ramon games
BEGINNERS.CAVE	1	DIR	Beginning adventure in here
RAMON.166	2	DIR	Storm Breaker adventure in here

May 1990

/A2.ON.DISK.9005

Filename	Blocks	Type	Description
V6.N04.MAY.90	123	TXT	May '90 issue of A2-Central
RTC.MOBASIC.TXT	58	TXT	RTC Transcript with Morgan Davis
PROGRAMS	1	DIR	Useful, exciting stuff in here
DB.MASTER	1	DIR	DB Master Version V in here!
DCP	1	DIR	Program to disable GS Control Panel
SQIORT	1	DIR	Shareware program selector in here
SQIORT.SYSTEM	35	SYS	Includes documentation (just run)
TECHNOTE.UPDATE	1	DIR	New technical notes in here
TN.UPD.3.90.SHK	313	S80	May '90 Apple tech note update
TN.MISSING.SHK	30	S80	Tech notes we've missed
SHRINKIT	1	DIR	New versions of ShrinkIt in here!
SHK3.DOCS.TXT	44	TXT	New documentation for ShrinkIt
REVISION.INFO	32	TXT	Documents changes to ShrinkIt
SHRINKIT	81	SYS	Actual ShrinkIt 3.0.1 program
IIPLUS.SHRINKIT	24	SYS	Shrinks files on II+, un-enh. IIe
IIPLUS.UNSHRINK	26	SYS	Unshrinks on II+, un-enh. IIe

June 1990

/A2.ON.DISK.9006

Filename	Blocks	Type	Description
V6.N05.JUN.90	126	TXT	June '90 issue of A2-Central
APPLEFEST.TXT	108	TXT	Subjective report on 5/90 Applefest
PUBLISH.IT.RTC	43	TXT	Interview with Publish-It! 3 author
PROGRAMS	1	DIR	Useful stuff in here
DICT.CONVERT	1	DIR	Convert Sensible Speller dictionary
CONVERT.SS	3	BIN	to Appleworks 3.0 dictionary
FINDER.KILLER	1	DIR	Finds & destroys FINDER.DATA files
INITMASTER.CDEV	1	DIR	GS Control panel device in here
INITMASTER.DOC	6	TXT	Documentation for Init Master CDEV
INITMASTER.CDEV	12	SC7	Copy into */SYSTEM/SYSTEM.SETUP
IMCDEV.CODE.S	35	TXT	Source code for INITMASTER.CDEV
INITMASTER.TIP	1	DIR	GS Initialization routine here
INITMASTER.DOC	7	TXT	Documentation for INIT.MASTER init
INIT.MASTER	16	S87	Copy into */SYSTEM/SYSTEM.SETUP
SHRINKIT.3.02	1	DIR	New version of ShrinkIt + bonus
SHK3.DOCS.TXT	44	TXT	Documentation for ShrinkIt 3.0.2
SHRINKIT.SYSTEM	1	SYS	ShrinkIt version 3.0.2, bugs fixed
NUFX.MSGNR.DOCS	13	TXT	Documentation for NUFx messenger
NUFX.MESSNGER	17	BAS	Implements message in ShrinkIt files
NUFX.MSGNR.ICON	3	ICON	Copy to your ICONS directory
SWITCH.CTRL.PHL	1	DIR	Switch Control Panel pgm in here
SWCP.DOC	65	TXT	SWCP program documentation
SWCP	19	SYS	IIgs Control Panel utility
UN.LAUNCHER	1	DIR	UtilityWorks GS program launcher
LAUNCHER.DOC	150	TXT	Documentation for UWGS Launcher
UWGS.CONF.TXT	23	TXT	Interview with program author
MISC.GOODIES	1	DIR	Useless, fun stuff in here
OTHELLO	1	DIR	Game for any Apple II in here
PLASMALAB	1	DIR	Fun, educational IIgs "game" here